



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

Sheet 1 of 4

ATTORNEY DOCKET NO.	SERIAL NO.
7784-000707	10/821,454
APPLICANT	
Changzhou Wang	
FILING DATE	GROUP
04/09/2004	unknown

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		6,539,373	Mar. 25, 2003	Guha	707/3	May 11, 2000
2.		6,526,405	Feb. 25, 2003	Mannila, et al.	707/6	Dec. 17, 1999
3.		6,516,288	Feb. 4, 2003	Bagne	702/179	Oct. 10, 2001
4.		6,496,817	Dec. 17, 2002	Whang, et al.	707/2	Apr. 27, 2000
5.		6,473,757	Oct. 29, 2002	Garofalakis, et al.	707/6	Mar. 28, 2000
6.		6,385,608	May 7, 2002	Mitsuishi, et al.	707/6	Nov. 5, 1998
7.		6,317,700	Nov. 13, 2001	Bagne	702/181	Dec. 22, 1999
8.		6,292,802	Sep. 18, 2001	Kessenich, et al.	707/101	May 9, 2000
9.		6,272,478	Aug. 7, 2001	Obata, et al.	706/12	Dec. 31, 1997
10.		6,236,982	May 22, 2001	Mahajan, et al.	706/45	Sep. 14, 1998
11.		6,230,151	May 8, 2001	Agrawal, et al.	706/12	Apr. 16, 1998
12.		6,212,525	Apr. 3, 2001	Guha	707/101	Feb. 24, 1999
13.		6,189,005	Feb 13, 2001	Chakrabarti, et al.	707/6	Aug. 21, 1998
14.		6,185,559	Feb. 6, 2001	Brin, et al.	707/6	May 9, 1997
15.		6,138,117	Oct. 24, 2000	Bayardo	707/6	Apr. 29, 1998
16.		6,105,032	Aug. 15, 2000	Bunda, et al.	707/101	Jun. 5, 1998
17.		6,094,645	Jul. 25, 2000	Aggarwal, et al.	706/47	Nov. 21, 1997
18.		6,092,065	Jul. 18, 2000	Floratos, et al.	707/6	Feb. 13, 1998
19.		6,061,682	May 9, 2000	Agrawal, et al.	707/6	Aug. 12, 1997
20.		6,055,538	Apr. 25, 2000	Kessenich, et al.	707/101	Dec. 22, 1997
21.		5,983,224	Nov. 9, 1999	Singh, et al.	707/6	Oct. 31, 1997

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EV 298497-168 US



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Sheet 2 of 4

ATTORNEY DOCKET NO.	SERIAL NO.
7784-000707/US	10/821,454
APPLICANT	
Changzhou Wang	
FILING DATE	GROUP
4/9/2001	unknown

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.		5,897,637	Apr. 27, 1999	Guha	707/101	Mar. 7, 1997
23.		5,742,811	Apr. 21, 1998	Agrawal, et al.	395/606	Oct. 10, 1995

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.		Agrawal, Rakesh, et al., <i>Mining Sequential Patterns</i> , ELEVENTH INTERNATIONAL CONFERENCE ON DATA ENGINEERING, Taipei, Taiwan, 1995, IEEE Computer Society Press.
2.		Gusfield, Dan, <i>Algorithms on Strings, Trees, and Sequences</i> , COMPUTER SCIENCE AND COMPUTATIONAL BIOLOGY, 1997
3.		Han, Jiawei, et al., <i>Scalable Frequent-Pattern Mining Methods: An Overview</i> , KDD TUTORIAL NOTES, 2001, August 20-29, 2001, San Francisco, CA., Cambridge University Press., See http://www.cs.sfu.ca/~peijian/personal/publications/kdd01.tutorial.zip
4.		Han, Jiawei, et al., <i>Mining Frequent Patterns without Candidate Generation</i> , PROCEEDINGS ON INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA 2000 (SIGMOD'00).
5.		Joshi, Mahesh et al., <i>A Universal Formulation of Sequential Patterns</i> , TECHNICAL REPORT NUMBER 99-21, May 20, 1999, Department of Computer Science, University of Minnesota, Minneapolis.
6.		Leung, Carson Kai-Sang, et al., <i>OSSIM: A Segmentation Approach to Optimize Frequency Counting</i> , 18 TH INTERNATIONAL CONFERENCE ON DATA ENGINEERING 2000, February 26 - March 1 2002, San Jose, California.

Examiner:

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Sheet 3 of 4

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4/9/2001	unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
7.		Mannila, Heikki, et al., <i>Discovering Generalized Episodes Using Minimal Occurrences</i> . In KDD, pgs. 146-151, 1996. See http://citeseer.ist.psu.edu/cache/papers/cs/931/http:zSzzSzpegasus.ece.utexas.edu:zSzcoursezSzee380izS
8.		Mannila, Heikki, et al., <i>Discovering Frequent Episodes in Sequences</i> . KDD TUTORIAL NOTES, pgs. 210-215, 1995. See http://citeseer.ist.psu.edu/cache/papers/cs/6623/http:zSzzSzcs.chungbuk.ac.kr:zSzcgraduzSzreferencessz
9.		Mannila, Heikki, et al., <i>Discovery of Frequent Episodes in Event Sequences, Data Mining & Knowledge</i> , TECHNICAL REPORT C-1997-15, Department of Computer Science, University of Helsinki, Finland, Series of Publications C, February 26, 1997.
10.		Pei, Jian, et al., <i>PrefixSpan: Mining Sequential Patterns Efficiently by Prefix-Projected Pattern Growth</i> , 17 TH INTERNATIONAL CONFERENCE ON DATA ENGINEERING, April 2-6, 2001, pgs. 215-224. See http://citeseer.nj.nec.com/cache/papers/cs/27046/http:zSzzSzwww-faculty.cs.uiuc.edu:zSzhazSzpdfzSzspan01.pdf/pei01prefixspan/pdf .
11.		Pei, Jian, et al., <i>Mining Sequential Patterns with Constraints in Large Databases</i> , 11 TH INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT, pgs. 18-25, November 4-9, 2002, McLean, Virginia.
12.		Roddick, John F., et al., <i>A Survey of Temporal Knowledge Discovery Paradigms and Methods</i> , IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, Vol 14. No. 4, 2002 pgs. 750-767.
13.		Srikant, Ramakrishnan, et al., <i>Mining Sequential Patterns: Generalizations and Performance Improvements</i> , 5TH INT'L CONFERENCE ON EXTENDING DATABASE TECHNOLOGY (EDBT), Avignon, France, 1996.
14.		Thomas, Shiby, et al., <i>Mining Generalized Association Rules and Sequential Patterns Using SQL Queries</i> , FOURTH INTERNATIONAL CONFERENCE ON KNOWLEDGE DISCOVERY AND DATA MINING, pgs. 344-348, 1998.
15.		Yang, Jiong, et al., <i>Mining Long Sequential Patterns in a Noisy Environment</i> , PROCEEDINGS OF THE ACM SIGMOD INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA, pgs. 406-417, June 3-6, 2002.

Examiner:

Date Considered:

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<p>FORM HDP-1449 (Based on Form PTO-1449)</p> <p>PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p>Sheet 4 of 4</p>	ATTORNEY DOCKET NO.	SERIAL NO.
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	Changzhou Wang	
	FILING DATE	GROUP
	4/9/2001	unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
16.		Zaki, Mohammed J., <i>SPADE: An Efficient Algorithm for Mining Frequent Sequences</i> , MACHINE LEARNING, Vol. 42, No. 1, pgs. 31-60, 2001.

Examiner: /Joseph Hiri/ (02/25/2008)	Date Considered:
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